L Number	Hits	Search Text	DB	Time stamp
1	413	part$5 near2 line near4 (mismatch or flash)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/12/14 17:01
2	5	(closure or plug or stopper) with (part$5 near2 line near4 (mismatch or flash))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/12/14 16:52
3	5	(cap) with (part$5 near2 line near4 (mismatch or flash))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/12/14 16:53
-	1149	277/637.ccls. or 277/616.ccls. or 277/617.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:03
-	994	((220/304) or (220/601)).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 11:14
-	146	(215/356).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 11:20
-	872	((215/352) or (215/346) or (215/341)).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 11:36
-	522	((217/76) or (217/98) or (217/110) or (217/106) or (217/107)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 11:38
-	372	(138/89.1-89.4).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:00
-	10548	(protrusion$3 or projection$3) near3 seal$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:04
-	163354	(ring$3 or band$3) near3 seal$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:05
-	854	(((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near (plug or stopper)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:06
-	3815	(((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near4 (plug or stopper)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 13:29
-	1870	(gasket or o-ring) and ((((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near4 (plug or stopper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:07
-	1317	(thread$3 or bayonet) and ((gasket or o-ring) and ((((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near4 (plug or stopper)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:09

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-	363	(gasket or o-ring) and ((((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near (plug or stopper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:16
-	187	(gasket or o-ring) with ((((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near (plug or stopper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:24
-	1311	(gasket or o-ring) with ((((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near4 (plug or stopper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:24
-	1124	((gasket or o-ring) with ((((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near4 (plug or stopper))) not ((gasket or o-ring) with ((((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near (plug or stopper)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:26
-	2245	((138/96t) or (138/89)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:40
-	3	5680953.URPN.	USPAT	2002/01/29 13:00
-	3	5680953.URPN.	USPAT	2002/01/29 13:01
-	5	4815783.URPN.	USPAT	2002/01/29 13:01
-	5	4815783.URPN.	USPAT	2002/01/29 13:01
-	5	3255916.URPN.	USPAT	2002/01/29 13:02
-	7	2906429.URPN.	USPAT	2002/01/29 13:02
-	3	2689058.URPN.	USPAT	2002/01/29 13:02
-	111	220/378 and (plug or stopper)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 13:03
-	66	277/589 and (fasten$5 or secur$5 or retain$%)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 13:24
-	161	(((((protrusion$3 or projection$3) near3 seal$3) or ((ring$3 or band$3) near3 seal$3)) near4 (plug or stopper))with secur$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 13:32
-	249	(220/dig.19).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 14:46

-	62	("0689896" | "1080659" | "1324896" | "1629303" | "1634655" | "1640508" | "1734232" | "1802898" | "1915310" | "1929794" | "1952036" | "2008245" | "2025852" | "2028175" | "2138060" | "2156237" | "2172644" | "2291706" | "2312738" | "2339255" | "2445802" | "2689058" | "2769566" | "2770260" | "2829794" | "2848130" | "2906429" | "3027042" | "3039641" | "3122262" | "3173569" | "3219230" | "3255916" | "3334772" | "3346278" | "3380618" | "3405837" | "3468450" | "3487442" | "3589550" | "3664540" | "3785539" | "3891118" | "4005799" | "4078696" | "4146207" | "4164304" | "4190171" | "4195750" | "4201306" | "4245753" | "4494673" | "4589564" | "4711365" | "5109997" | "5207345" | "5211304" | "5305906" | "5356030" | "5379913" | "5458257" | "5680953").PN.	USPAT	2002/01/29 16:23
-	31	(215/264).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/02/04 13:02
-	653	(215/364).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/02/04 13:03
-	2	1842226.URPN.	USPAT	2002/02/04 14:01
-	5	2674472.URPN.	USPAT	2002/02/04 14:02
-	62	("0689896" | "1080659" | "1324896" | "1629303" | "1634655" | "1640508" | "1734232" | "1802898" | "1915310" | "1929794" | "1952036" | "2008245" | "2025852" | "2028175" | "2138060" | "2156237" | "2172644" | "2291706" | "2312738" | "2339255" | "2445802" | "2689058" | "2769566" | "2770260" | "2829794" | "2848130" | "2906429" | "3027042" | "3039641" | "3122262" | "3173569" | "3219230" | "3255916" | "3334772" | "3346278" | "3380618" | "3405837" | "3468450" | "3487442" | "3589550" | "3664540" | "3785539" | "3891118" | "4005799" | "4078696" | "4146207" | "4164304" | "4190171" | "4195750" | "4201306" | "4245753" | "4494673" | "4589564" | "4711365" | "5109997" | "5207345" | "5211304" | "5305906" | "5356030" | "5379913" | "5458257" | "5680953").PN.	USPAT	2002/02/04 15:34
-	7	2906429.URPN.	USPAT	2002/02/04 15:44
-	28	("1324896" | "1640508" | "2008245" | "2025852" | "2291706" | "2339255" | "2445802" | "2769566" | "2906429" | "3027042" | "3122262" | "3173569" | "3346278" | "3380618" | "3405837" | "3487442" | "3589550" | "3664540" | "3891118" | "4005799" | "4078696" | "4146207" | "4164304" | "4190171" | "4201306" | "4245753" | "5207345" | "5211304").PN.	USPAT	2002/02/04 15:45
-	3	5680953.URPN.	USPAT	2002/02/04 15:45
-	3	5680953.URPN.	USPAT	2002/02/04 15:46

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-	28	("1324896" | "1640508" | "2008245" | "2025852" | "2291706" | "2339255" | "2445802" | "2769566" | "2906429" | "3027042" | "3122262" | "3173569" | "3346278" | "3380618" | "3405837" | "3487442" | "3589550" | "3664540" | "3891118" | "4005799" | "4078696" | "4146207" | "4164304" | "4190171" | "4201306" | "4245753" | "5207345" | "5211304").PN.	USPAT	2002/02/04 15:46
-	6	(mismatch with (seal or projection or protrusion)) same (stopper or plug or bung)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 09:39
-	0	("parting flash line" with (seal or projection or protrusion)) same (stopper or plug or bung)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 09:40
-	0	("parting line flash" with (seal or projection or protrusion)) same (stopper or plug or bung)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 09:42
-	7	2906429.URPN.	USPAT	2003/04/16 09:59
-	0	(("parting line" near2 (flash or mismatch)) with (seal or ring or band or projection or protrusion)) same (stopper or plug or bung)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 11:31
-	153	(215/356).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 10:31
-	92418	(stopper or bung or plug) same (gasket or ring or o-ring or seal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 11:11
-	503	(215/355).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 10:49
-	2092	(penetrat or pierc$4 or bit$3) same ((stopper or bung or plug) same (gasket or ring or o-ring or seal))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 11:13
-	612	((penetrat or pierc$4 or bit$3) near6 (projecti$4 or protru$6 or ring or seal)) same ((stopper or bung or plug) same (gasket or ring or o-ring or seal))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 11:17
-	494	(((penetrat or pierc$4 or bit$3) near6 (projecti$4 or protru$6 or ring or seal)) same ((stopper or bung or plug) same (gasket or ring or o-ring or seal))) not (cannula or medical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 11:19
-	116	part$4 near line near flash	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 11:32
-	5	("3327864" | "3423518" | "3675777" | "3695443" | "3747772").PN.	USPAT	2003/04/16 11:52
-	288	(220/601).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 12:31

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-	57	("0689896" | "1080659" | "1324896" | "1629303" | "1640508" | "1734232" | "1915310" | "1929794" | "1952036" | "2008245" | "2025852" | "2028175" | "2138060" | "2156237" | "2172644" | "2291706" | "2312738" | "2339255" | "2445802" | "2769566" | "2770260" | "2829794" | "2848130" | "2906429" | "3027042" | "3039641" | "3122262" | "3173569" | "3334772" | "3346278" | "3380618" | "3405837" | "3468450" | "3487442" | "3589550" | "3664540" | "3785539" | "3891118" | "4005799" | "4078696" | "4146207" | "4164304" | "4190171" | "4195750" | "4201306" | "4245306" | "4494673" | "4589564" | "4711365" | "5109997" | "5207345" | "5211304" | "5305906" | "5356030" | "5379913" | "5458257" | "5680953").PN.	USPAT	2003/04/16 12:24
-	750	(220/304).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 12:32
-	669	((flash or part or mismatch) near3 line) same thread	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/16 14:57
-	62	(closure or bung or plug or stopper) same (((flash or part or mismatch) near3 line) same thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:04
-	27	(closure or bung or plug or stopper) same (((mold) near3 line) same thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:27
-	4	("3353849" | "3873132" | "3958719" | "4246859").PN.	USPAT	2003/04/17 12:15
-	3	4246859.URPN.	USPAT	2003/04/17 12:17
-	2	("3353849" | "3424481").PN.	USPAT	2003/04/17 12:20
-	4	3873132.URPN.	USPAT	2003/04/17 12:20
-	13	3353849.URPN.	USPAT	2003/04/17 12:21
-	71	(closure or bung or plug or stopper) and (((mold) near3 line) same thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:27
-	800	(closure or bung or plug or stopper) same ((mold) same thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:27
-	433	(closure or bung or plug or stopper) with ((mold) same thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:29
-	44	((closure or bung or plug or stopper) and (((mold) near3 line) same thread)) not ((closure or bung or plug or stopper) same (((mold) near3 line) same thread))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:28
-	12	((closure or bung or plug or stopper) near6 flange) with ((mold) same thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:32
-	12	((closure or bung or plug or stopper) near6 flange) with (mold with thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:50

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–	18	((closure or bung or plug or stopper) near6 flange) same (mold with thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:53
–	6	(((closure or bung or plug or stopper) near6 flange) same (mold with thread)) not (((closure or bung or plug or stopper) near6 flange) with (mold with thread))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:51
–	18	(((closure or bung or plug or stopper) near6 flange) with thread) same mold	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:55
–	441	((closure or bung or plug or stopper) near6 flange) same mold	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:03
–	1	((flash or part) near2 line) same (((closure or bung or plug or stopper) near6 flange) same mold)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:59
–	11	"3806087"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:00
–	2271	((closure or bung or plug or stopper) near6 flange) same (plastic or elastomeric)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:05
–	73	(((closure or bung or plug or stopper) near6 flange) with thread) same (plastic or elastomeric)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:05
–	5	("2070296" | "2084568" | "3056427" | "3255916" | "3578027").PN.	USPAT	2003/04/17 13:21
–	5	3255916.URPN.	USPAT	2003/04/17 13:22
–	8	("1159687" | "1409902" | "1949979" | "2650673" | "3167210" | "3219230" | "3243071" | "3523408").PN.	USPAT	2003/04/17 13:23
–	36	4136796.URPN.	USPAT	2003/04/17 13:26
–	3	("3179280" | "3437231" | "3122261").PN.	USPAT	2003/04/17 13:28
–	3	3684125.URPN.	USPAT	2003/04/17 13:28
–	0	6811983.URPN.	USPAT	2003/04/17 13:28
–	0	6811983.URPN.	USPAT	2003/04/17 13:28
–	13	3219230.URPN.	USPAT	2003/04/17 13:29

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